

Title (en)
AIR CONDITIONER

Title (de)
KLIMAANLAGE

Title (fr)
CLIMATISEUR

Publication
EP 2072929 A4 20120215 (EN)

Application
EP 07828275 A 20070920

Priority
• JP 2007068280 W 20070920
• JP 2006259237 A 20060925

Abstract (en)
[origin: EP2072929A1] An object of the present invention is to allow smooth movement of a filter by preventing the filter from getting caught during its movement. A cleaning mechanism of an air conditioner of this invention removes dust adhering to the surface of a sheet-like filter (13) arranged capable of moving along the inner surface of a suction port by moving the filter from a position where a specific filter function is demonstrated. Then, the cleaning mechanism returns the filter (13) to the position where the specific filter function is demonstrated. In addition, a filter pusher (43) that guides the movement of the filter (13) is provided with catch prevention members (R) that guide both side portions of each filter function unit of the filter (13) in the filter moving direction.

IPC 8 full level
F24F 13/28 (2006.01); **B01D 46/00** (2006.01); **B01D 46/10** (2006.01)

CPC (source: EP)
B01D 46/0054 (2013.01); **B01D 46/10** (2013.01); **F24F 1/0057** (2019.01); **F24F 8/90** (2021.01); **F24F 13/28** (2013.01); **B01D 2279/50** (2013.01)

Citation (search report)
• [X] EP 1632728 A2 20060308 - FUJITSU GENERAL LTD [JP]
• [A] JP 2004113896 A 20040415 - FUJITSU GENERAL LTD
• [A] US 3717978 A 19730227 - OSBORNE E
• [A] EP 1376024 A1 20040102 - FUJITSU GENERAL LTD [JP]
• See references of WO 2008038570A1

Cited by
EP2613101A4

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 2072929 A1 20090624; **EP 2072929 A4 20120215**; CN 101517333 A 20090826; CN 101517333 B 20110720; JP 5163495 B2 20130313; JP WO2008038570 A1 20100128; WO 2008038570 A1 20080403

DOCDB simple family (application)
EP 07828275 A 20070920; CN 200780034863 A 20070920; JP 2007068280 W 20070920; JP 2008536347 A 20070920